

Bicycle Rear Suspension System

Abstract: A bicycle rear suspension of the type where the crank set is mounted on the swingarm. The swingarm is connected to the main frame by a set of pivoting links that downwardly converge. The links produce an instant center of rotation for the swingarm that moves in a rearward path. The rearward path starts from horizontally forward of the crank center and moves to be approximately horizontally in line with the crank center. This reduces the vertical movement of the cranks as the suspension is compressed.